

DIVERSIFICATION ON SOUTHERN FARMS

Some Reasons for Getting Away From One-Crop Idea.

VITAL PROBLEM FOR FARMER

Must Inaugurate a Safe and Sane System of Farming to Enrich, Instead of Wearing Out Our Lands—Cotton Exhausts Humus.

(By G. H. ALFORD.)

There are two problems before us for solution. However, the most real and vital problem before us just at this time is to get our farmers to practice a safe and sane system of farming; one that will include crops to enrich instead of wear out our lands; one that will include plenty of good live stock to consume the surplus products and the leguminous crops that must be grown to enrich the land and to make manure to still further enrich the land—a system of farming that will grow the necessary corn, oats, wheat, rice, sugar cane, vegetables, fruits of all kinds, poultry, hogs, mules, horses, cattle, sheep and other live stock for home use and to sell at a price the people in our towns and cities can afford to pay.

The too exclusive culture of cotton has exhausted the humus, the life-giving principle in our soils; the washing of the clean cotton fields has gone on to such an extent that millions of acres of the best land in the cotton belt have been ruined. The too exclusive culture of cotton makes it necessary to send the money obtained for cotton north to pay for corn, oats, pork products, mules, horses and other farm products. The too exclusive culture of cotton has caused overproduction, thereby forced the price far below an equitable one, so that there has been but little more than a bare living for cotton farmers. The too exclusive culture of cotton established the credit system. As long as our farmers raise their supplies at home there is no necessity for the credit system. The too exclusive culture of cotton compels us to buy on credit and dump all of our cotton on the market in the fall in order to satisfy our creditors and thereby force the price down.

If these statements be true, why have the farmers in the cotton belt not practiced diversification more generally long ago? Many say that the farmers have been compelled to plant cotton to get credit, and at the low prices of cotton, which so long prevailed, were unable to get out of debt and go forward unhampered on an independent basis. This is no doubt true of many thousands of farmers.

There are, of course, numerous reasons for the too exclusive culture of cotton, but the argument used by most cotton farmers is that cotton is the most profitable crop to grow and that the larger the area in cotton the larger the profits. These cotton farmers usually show by figures that an acre of land that will grow 40 bushels of corn will grow one bale of cotton and that the cotton will sell for more money than the corn.

Now, come, let us reason together for a few moments. The success of any system of farming cannot be judged by the crops or the next earnings for one year or for five years. Any system of farming that impoverishes the land is a miserable failure, no matter what the profits may be for one year or for five years. Our problems largely depend upon maintaining soil fertility, and for this reason any system of farming that causes a decline in the fertility of the soil is a shame and disgrace to our farmers.

Our greatest asset is the fertility of our soil. Just in proportion in which our soils are worn out, in that proportion is our prosperity diminished. No living man has ever acquired the art of growing good crops of grain, grasses, cotton or vegetables on poor land. Poor soil always means small yields; small yields always means poor people, and poor people always means the credit system, very little education, uncomfortable homes, poorly equipped farms, and, in fact, all that retards civilization.

In passing, permit me to suggest that corn with peas in the corn and peas grazed by hogs, and oats followed by soy beans or lespedeza will take the place of a large part of the cotton, and that you will make as large net profits from the sale of these crops as you make from cotton. Land that will make one-half to three-fourths bale of cotton per acre, on the average, one year with another, will make 30 bushels of oats and 20 bushels of soy beans, or two tons of lespedeza hay. The oats and soy beans or lespedeza hay will sell for more cash than the cotton. And wherein these crops and corn and oats used in a rotation surpass any one crop system, lies in the fact that the fertility of the soil is increased while with the too exclusive culture of cotton the fertility rapidly decreases.

The most destructive and energetic insect that the world has ever known is gradually covering the cotton belt. There is one hope and only one hope for the farmers, and that is the diversification of crops. The adoption of a safe and sane system of farming—one that will grow grasses, leguminous crops, oats, corn, hogs, sheep, cattle, mules, horses and some cotton will solve the boll weevil problem.

The credit system is the curse of the

cotton belt. It sweeps the earnings of toil from the masses into the coffers of the few. Some years ago the commissioner of agriculture of Georgia, after careful inquiry of several hundred, found that the average rates charged the farmers for extension of credit from April and May to October and November was 54 per cent. per annum over and above the cash price. Wives and children were compelled to work in the heat and cold from January until December to pay the 54 per cent. credit profits. Diversification of crops will abolish the credit system.

We are sending millions of dollars to other sections of the country every year to pay for pork products, mules, horses and other farm products. Diversification of crops will keep this money at home, our banks will soon be full to overflowing and the rate of interest lowered to say 6 per cent. because of the abundance of money. Then we will have the necessary money to pay good teachers better salaries to teach longer terms, to build comfortable homes and good roads and properly equip our farms.

Diversification is the only remedy for low-priced cotton. There is no sane man who does not know that we will get more money for 12,000,000 than we will for 15,000,000 bales. The history of the past 20 years is proof positive of this statement. We all know that large crops of cotton mean a low price and that a low price for cotton means poverty and wretchedness all over the cotton belt. This being true, why will our farmers and their wives and children toil in the heat and cold in large cotton fields to grow large crops of cheap cotton to pay for high-price corn, oats, bacon, lard, mules and other farm products with the profits of several middle men, supply merchants and railroads added?

The growing of every farm product necessary for home use will curtail the production of cotton, raise the price to at least 12 cents per pound and enable us to use the money obtained for cotton to build good roads, magnificent homes, churches and school houses and fill our banks to overflowing. Life on the farm will then be free, unfettered by the bands of promissory obligations and our position in the world made conspicuous by that independence which the farmer alone can enjoy in the fullest significance of the term.

Every farmer should raise his own farm-work stock. It is true that millions are sent out of the cotton belt each year for mules and horses, but this is not the main reason why your attention is called to this subject at this time. Probably one of the two chief causes of poverty in the cotton belt is the one-horse plow. The small mule and a turning plow is a guarantee of shallow soil devoid of vegetable matter. A shallow soil devoid of vegetable matter means small crops and poor farmers.

Farmers who buy their work stock never have enough for the economical production of crops. We have about one-fourth the horse power and earn about one-fourth as much money as farmers in some other sections of the country.

Farmers who buy feed stuffs to feed plow teams never raise sufficient farm work stock to supply their needs. We buy feed stuff and this is the main reason why we have about one-fourth as many horses and mules as farmers in other sections of the country.

We can save the millions of dollars paid out for mules and horses each year and bring in millions from the sale of mules and horses, but a greater profit will come from securing in this way sufficient work stock for economical crop production.

POPULATION AND PRODUCTION.

Year	Population	Production
1870	38 Millions	\$1,564,000,000
1880	50 "	\$2,085,000,000
1890	63 "	\$2,324,000,000
1900	76 "	\$2,190,000,000
1910	95 "	\$2,475,000,000
1920	117 "	\$2,797,000,000
1930	142 "	\$3,160,000,000
1940	170 "	\$3,570,000,000

ERADICATION OF QUACK GRASS

Badly Infested Field Should Be Plowed From Five to Eight Inches Soon as Crop Is Removed.

(By ANDREW ROSS, Minnesota Experiment Station.)

Where a field is badly infested with quack grass it should be plowed from five to eight inches deep as soon as the hay or grain crop is removed. All portions of the grass must be turned under. Within a few days the plow should be followed by a disk harrow with the disks set straight at the first time over to avoid turning any of the sod. The disking should be repeated once or twice a week for six or eight weeks and occasionally after that until freezing weather.

Short crop rotations are useful in keeping quack grass under control and when arranged so as to provide an opportunity to attack the quack grass at the right time they will permit eradication of the weed without losing the use of the land.

Good Plan.

In the long run it is always a good plan to give a cow a dose of some laxative at the first symptom of udder trouble.

WOMAN A GREAT SUFFERER

Tells How She Was Restored To Health by Lydia E. Pinkham's Vegetable Compound.

Grayville, Ill.—"I was a great sufferer of female complaints for a year and I got nothing that helped me until I began taking Lydia E. Pinkham's Vegetable Compound. I was irregular and had cramps so bad that I had to go to bed. Now I have better health than I have had for years and I cannot speak too highly of your medicine."—Mrs. JESSIE SCHAAER, 413 Main St., Grayville, Ill.

Case of Mrs. Tully. Chicago, Ill.—"I take pleasure in writing to thank you for what Lydia E. Pinkham's Vegetable Compound has done for me. I suffered with such awful periodic pains, and had a displacement, and received no benefit from the doctors. I was advised to take Lydia E. Pinkham's Vegetable Compound, and am now as well as ever."—Mrs. WILLIAM TULLY, 2052 Ogden Avenue, Chicago, Ill.

If you have the slightest doubt that Lydia E. Pinkham's Vegetable Compound will help you, write to Lydia E. Pinkham Medicine Co. (confidential) Lynn, Mass., for advice. Your letter will be opened, read and answered by a woman, and held in strict confidence.

The Wretchedness of Constipation

Can quickly be overcome by CARTER'S LITTLE LIVER PILLS.

Purely vegetable—act surely and gently on the liver. Cure Biliousness, Headache, Dizziness, Indigestion. They do their duty. SMALL PILL, SMALL DOSE, SMALL PRICE. Genuine must bear Signature.

Worms Know Her Song. Mrs. B. A. Hitchcock of Canaan, an officer of the Litchfield County Equal Franchise league, has made the following statement in a letter to a local newspaper:

"I tamed half a dozen angle dogs or worms, and got them so that they would come up out of the earth and eat out of my hand. I fed them pumpkins and bran mash, but they thrive best on sauerkraut. It took me some time to tame them so that they knew my knock on the earth above them from the tap of an old hen's bill. I rap softly three times and whistle 'Oh, Promise Me,' and up come the angleworms. One day I discovered that the biggest, fattest angleworm was cross-eyed."—Winsted (Conn.) Dispatch to the New York World.

RASH ITCHED AND BURNED

400 South Hermitage Ave., Chicago, Ill.—"I was attacked with a breaking out on the inside of my arms. It was a small rash or pimples and it itched and burned, especially at night, so that before I knew it I had made myself sore. I had to wear the finest kind of cotton underwear, no woolen at all, because the least thing irritated it and made it much worse. The rash itched and smarted until at times I got no sleep at all. I had this trouble and took treatments for about one year, but they only gave me relief while taking them. Then I began using Cuticura Soap and Ointment and I got relief right away. In three months I was a well man again." (Signed) H. W. Foley, Nov. 5, 1912.

Cuticura Soap and Ointment sold throughout the world. Sample of each free, with 32-p. Skin Book. Address postcard "Cuticura, Dept. L, Boston."—Adv.

Unanswerable. Simeon Ford, New York's well-known humorist, said whimsically the other day, apropos of the death of J. Pierpont Morgan: "We learn from Mr. Morgan's life that wealth does not bring happiness. We know already that poverty doesn't bring it, either. What on earth then is a man to do?"—Argonaut.

For the treatment of colds, sore throat, etc., Dean's Mentholated Cough Drops give sure relief—See at all good Druggists.

Dry. Miss Gueh—I simply bathe in talcum powder—I do love it. Miss Sar-Castle—Sort of a dry cleaning, eh?—Judge.

A miser is one of the things that will keep in any climate.

Death Lurks In A Weak Heart

If Yours is fluttering or weak, use RENOVINE. Made by Van Vleet-Mansfield Drug Co., Memphis, Tenn. Price \$1.00

LOSING APPETITE FOR NUTS

Writer Bemoans the Passing of the Ancient Fondness That Made Winter Evenings a Joy.

The old butternut, a very rich and fragrant nut of the olden time, has almost disappeared. Very few people of the present generation have ever tasted a butternut. The black walnut is becoming fewer, and in a generation hence it will hardly be known. And yet it is a precious nut, full of goodness and rare taste. Those old pans of cracked walnuts, in the long winter evenings, made up a family joy that has never been surpassed. The hickory nuts, especially the good old shellbarks, figured prominently in those nutty days, and the chestnuts, too, including the hazel nuts and beech nuts; but they are all growing scarcer, and have sadly strayed away from the human heart.

The pecan is becoming the great American nut. There are thousands of trees cultivated in the south, and the nut has become commercially important. Trees are reported bearing \$200 to \$500 worth of nuts per acre. It is a rich nut, but quite too hard for the novice to pick out the kernels. There are, however, machines that do the work perfectly. But, after all, for rich, well-flavored and grand mouthfuls of nuts, give us the English walnut.—Ohio State Journal.

KEEP THEIR HEADS STEADY

Australian Statesman Asserts Women Prevent Conditions of Political Turbulence.

The prime minister of Australia, where the women have suffrage on equal terms with men, was interviewed while on a visit to London on the results of woman suffrage in his country. He is quoted as saying:

"Women's suffrage steadies political feeling. In democratic countries turbulence is always a danger. Well, in a time of political excitement men will let themselves loose. Women won't. They don't want hysterics. They don't want earthquakes. They are the domestic economists, and they have to calculate the needs of their households pretty closely every week. This is why economic questions are more carefully studied now and why you get steadier, more sober, more wholesome opinion on all questions connected with the home."

Possibly no stronger conclusion can be deduced from the eleven years' experience of woman suffrage in Australia than the fact that its national parliament, by unanimous vote, adopted a resolution declaring its entire success and calling upon the parliament of Great Britain to enfranchise women.—New York Evening Post.

JUDGE CURED, HEART TROUBLE.

I took about 6 boxes of Dodds Kidney Pills for Heart Trouble from which I had suffered for 5 years. I had dizzy spells, my eyes puffed, my breath was short and I had chills and backache. I took the pills about a year ago and have had no return of the palpitations. Am now 63 years old, able to do lots of manual labor, am well and hearty and weigh about 200 pounds. I feel very grateful that I found Dodds Kidney Pills and you may publish this letter if you wish. I am serving my third term as Probate Judge of Gray Co. Yours truly,

PHILIP MILLER, Cimarron, Kan. Correspond with Judge Miller about this wonderful remedy. Dodds Kidney Pills, 50c. per box at your dealer or Dodds Medicine Co., Buffalo, N. Y. Write for Household Hints, also music of National Anthem (English and German words) and recipes for dainty dishes. All 3 sent free. Adv.

Most Any Time. The scene is set. A country road, trees, sky, summer homes, a lake in the distance. A steam railway line crosses the road at right angles. Enter, up the road, an automobile, well loaded and running at high speed. Both automobile and train are rushing toward the crossing. Owner of automobile to chauffeur: "Can you make it?" The chauffeur, speeding up: "Sure I can make it." He doesn't.—Cleveland Plain Dealer.

Thinking of the Mexican Mess. "Let's see, the English motto is 'Dieu et mon droit,' isn't it?" "I believe so." "Well, what is the motto of America?" "Dieu et Monroe." Easily Seen. "Have the Jinxes a family skeleton?" "Yes, and she's wearing one of those silhouette gowns, too."—Liverpool Mercury.

Its Nature. "I wonder what the intoxication of flying is like." "It must be an airtight feeling." The self-made man doesn't have to carry a union card.

WHENEVER YOU NEED A GENERAL TONIC - TAKE GROVE'S

The Old Standard Grove's Tasteless chill Tonic is Equally Valuable as a General Tonic because it Acts on the Liver, Drives Out Malaria, Enriches the Blood and Builds up the Whole System. For Grown People and Children.

You know what you are taking when you take Grove's Tasteless chill Tonic as the formula is printed on every label showing that it contains the well known tonic properties of QUININE and IRON. It is as strong as the strongest bitter tonic and is in Tasteless Form. It has no equal for Malaria, Chills and Fever, Weakness, general debility and loss of appetite. Gives life and vigor to Nursing Mothers and Pale, Sickly Children. Removes Bilioussness without purging. Relieves nervous depression and low spirits. Arouses the liver to action and purifies the blood. A True Tonic and sure appetizer. A Complete Strengthening. No family should be without it. Guaranteed by your Druggist. We mean it. 50c.

COLT DISTEMPER Can be handled very easily. The sick are cured, and all others the same stable, no matter how long they have been having the disease, by using COLT'S LIQUID DISTEMPER CURE. Give one or two doses, or in feed. Acts on the blood and expels germs of all forms of distemper. Best remedy ever known for mares' feet. One bottle guaranteed to cure one case. No risk if a bottle is sent. 100 doses of distemper cure, or sent express paid by manufacturer. Cut down your losses. Local agents wanted. Large quantities at special prices. Local agents wanted. Large quantities at special prices. Local agents wanted. Large quantities at special prices. SPOHN MEDICAL CO., Chemists and Patent Medicine, Oshkosh, Ind., U.S.A.

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Pistol and Rifle Cartridges Winchester cartridges adapted to Winchester rifles are made to get the best possible results out of them. As the same equipment, organization and system are employed in making all Winchester cartridges, it naturally follows that Winchester cartridges produce the best results in all firearms. Winchester cartridges are made for all calibers and makes of rifles, revolvers and pistols. Sold everywhere. Ask For The Red W Brand.

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Ask your dealer to show you W. L. Douglas \$3.50, \$4.00 and \$4.50 shoes. Just as good in style, fit and wear as other makes costing \$5.00 to \$7.00. The only difference is the price. Shoes in all leathers, styles and shapes to suit everybody. If you could visit W. L. Douglas large factories at Brockton, Mass., and see for yourself how carefully W. L. Douglas shoes are made, you would then understand why they are warranted to fit better, look better, hold their shape and wear longer than any other make for the price.
If W. L. Douglas shoes are not for sale in your vicinity, order direct from the factory and save the middleman's profit. Shoes for every member of the family, at all prices. Parcel Post, postage free. Write for illustrated catalogue. It will show you how to order by mail, and why you can save money on your footwear. W. L. DOUGLAS - Brockton, Mass.

Boys Prefer the Farm. The farm boy has a tremendous advantage in the world. Early he is trained to self-reliance, to performance of duties, to regular labor. He has a sound body. He is eminently fitted to do the greatest things done in the world. He recognizes that the farm is the best place in the world in which to live. Ten chances to one he would prefer to stay on his father's farm. If the father can learn to make the farm pay well, if he can make it progressive, with hope of fine achievement at the end of the struggle, then most boys will stay. It is when the farm is stagnant, unprogressive, dead, almost hopeless, that the young man sets his face resolutely away from the farm.—Breeder's Gazette.

Turn About Is Fair Play. "A famous tenor," said Giulio Gatti-Casazza, "was invited one night to dinner by a Chicago trust magnate. The dinner was superb, but at its end the trust magnate asked the tenor to sing. This, of course, was as bad as inviting a doctor to dinner and then asking for a free prescription. So the tenor politely declined. The trust magnate, however, insisted. After five or ten minutes of this, the tenor said, with a laugh:

"Oh, well, every one to his trade. Let me see you pick a pocket. Then I'll sing."

Against a Stone Wall. "My poor man, you are the picture of dejection," sympathetically declared the prison visitor. "And a framed picture, at that," added the convict.—Buffalo Express.

Not This Time. "Did you take in boarders this summer, Sam?" "No, sir; they was on to us."

Courageous. He—I've had a mind to kiss you. She—Is the other half out of commission?—Boston Evening Transcript.

FREE TO ALL SUFFERERS. If you feel "out of sorts," run down or out of the blues, suffer from kidney, bladder, nervous diseases, chronic weakness, ulcers, skin eruptions, piles, write for my FREE book, THE MOST INSTRUCTIVE MEDICAL BOOK EVER WRITTEN. IT TELLS ALL ABOUT THESE DISEASES and the REMEDIES SUCCESSFULLY USED. THE NEW FRENCH REMEDY, N.S. N.S. N.S. FOR YOURSELF. Absolutely FREE. No follow-up circulars. Dr. L. L. LECHE, MED. CO., HAYESVILLE, N.C., HAYESVILLE, N.C., HAYESVILLE, N.C.

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